

IN THE CLAIMS

A listing of the current claims is provided below.

1. - 127. (Canceled)

128. (Currently Amended) A golf ball component, comprising:
a spherical material having an outer spherical surface and having a first void recessed
below the outer spherical surface and a second void recessed below the outer
spherical surface of said spherical material, the first void being located at a first
pole of a first axis of the spherical material and the second void being located at a
second pole of the first axis, wherein the first void and the second void are
configured to receive at least one electronic component.

129. (Previously Presented) A golf ball component as in claim 128, further comprising a
shell that encloses said spherical material.

130. (Previously Presented) A golf ball component as in claim 128 wherein a first
semiconductor, which is coupled to a first antenna, is disposed at least partially in the first void,
and a second semiconductor, which is coupled to a second antenna, is disposed at least partially in
the second void and wherein the first antenna is substantially orthogonal to the second antenna.

131. (Previously Presented) A golf ball component as in claim 130 wherein said first
semiconductor includes at least one of a RFID circuitry, an integrated circuit, and a diode and the
second semiconductor includes at least one of a RFID circuitry, an integrated circuit and a diode.

132. (Currently Amended) A golf ball component as in claim 131 wherein said tag is
detectable with a handheld transmitting/receiving device over a range of at least 20 feet

separating said handheld transmitting/receiving device and said tag, and wherein said golf ball has high sufficient durability to survive at least 20 standard cannon test hits and substantially complies with the golf ball weighs less than 45.927 grams specifications of the United States Golf Association.

133. (Previously Presented) A golf ball component as in claim 131 wherein the first antenna has at least a portion disposed between an outer spherical surface and an inner curved surface of said shell, and wherein the first antenna is designed to receive a radiofrequency (RF) signal of a first frequency and to re-radiate a return RF signal of a second frequency.

134. (Previously Presented) A golf ball component as in claim 131 wherein the first antenna is made of an elastic conductive material.

135. (Previously Presented) A golf ball component as in claim 131 wherein an adhesive material is between said first void and said first semiconductor and an adhesive material is between said second void and said second semiconductor.

136. (Currently Amended) A golf ball component, comprising:
a spherical material having a first void on an outer surface of said spherical material;
a first semiconductor having at least a portion disposed within said first void; and
an adhesive material between the spherical material at a base of said first void and said first semiconductor, and wherein the first semiconductor has a first surface disposed adjacent to the base of the first void and coupled to the base by the adhesive material, and wherein the first semiconductor has a second surface which is parallel with the first surface, and wherein the second surface is adjacent to the outer surface of the spherical material at an upper end of the void which is adjacent to the outer surface.

137. (Previously Presented) A golf ball component as in claim 136 wherein said first semiconductor includes at least one of a RFID circuitry, an integrated circuit and a diode and wherein the outer surface is a spherical surface and the first void is recessed below the outer surface.

138. (Previously Presented) A golf ball component as in claim 136 wherein said first semiconductor is coupled to a first antenna to form a tag.

139. (Currently Amended) A golf ball component as in claim 138 wherein said tag is detectable with a handheld transmitting/receiving device over a range of at least 20 feet separating said handheld transmitting/receiving device and said tag, and wherein said golf ball has high sufficient durability to survive at least 20 standard cannon test hits and substantially complies with the golf ball weighs less than 45.927 grams specifications of the United States Golf Association.

140. (Previously Presented) A golf ball component as in claim 139 wherein said first antenna is made of an elastic conductive material.

141. (Previously Presented) A golf ball component as in claim 140 further comprising a second tag having a second semiconductor which is coupled to a second antenna wherein said first antenna is patterned as a first radial transmission line and said second antenna is patterned as a second radial transmission line which is substantially orthogonal to said first radial transmission line.

142. - 146. (Canceled)

147. (Previously Presented) A golf ball component as in claim 128 wherein a first electrical component is disposed at least partially in the first void and wherein a second electrical component is disposed at least partially in the second void.

148. (Currently Amended) A golf ball component, comprising:
a spherical material having a first void on an outer surface of said spherical material;
a first electrical component having at least a portion disposed within said first void; and
an adhesive material between the spherical material at a base of said first void and said
first electrical component and wherein the first electrical component has a first
surface disposed adjacent to the base of the first void and coupled to the base by
the adhesive material, and wherein the first electrical component has a second
surface which is parallel with the first surface, and wherein the second surface is
adjacent to the outer surface of the spherical material at an upper end of the void
which is adjacent to the outer surface.

149. (Previously Presented) A golf ball component as in claim 136 wherein said first electrical component includes at least one of a RFID circuitry, an integrated circuit and a diode.